

IN THE CLAIMS:

Claims 1-23 (cancelled)

Claim 24 (new): A railway wheel made of a steel having a pearlitic structure and consisting essentially of (by weight): 0.60 to 0.85 percent carbon, 1.1 to 3.0 percent silicon, 0.45 to 0.85 percent manganese, less than 0.050 percent sulfur and less than 0.050 percent phosphorus, with the remainder of said steel being iron and incidental impurities.

Claim 25 (new): The wheel of claim 24 wherein the steel's carbon content is from 0.67 to 0.77 weight percent.

Claim 26 (new): The wheel of claim 24 wherein the steel's manganese content is from 0.60 to 0.85 weight percent.

Claim 27 (new): The wheel of claim 24 wherein the steel's silicon content is from 1.3 to 2.0 weight percent.

Claim 28 (new): A railway wheel made of a steel having a pearlitic structure and consisting essentially of (by weight): 0.60 to 0.85 percent carbon, 1.1 to 3.0 percent silicon, 0.45 to 0.85 percent manganese, 0.50 to 1.0 weight percent chromium, less than 0.050 weight percent sulfur and less than 0.50 weight percent phosphorus, with the remainder of said steel being iron and incidental impurities.

Claim 29 (new): The wheel of claim 28 wherein the steel's carbon content is from 0.67 to 0.77 weight percent.

Claim 30 (new): The wheel of claim 28 wherein the steel's manganese content is from 0.60 to 0.75 weight percent.

Claim 31 (new): The wheel of claim 28 wherein the steel's silicon content is from 1.3 to 2.5 weight percent.